

Binary Operator Overloading

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It operate on two operands a data.

Ex:-

C++ Program to illustrate binary operator overloading

```
#include <iostream>
```

```
using namespace std;
```

```
class complex
```

```
{ public:
```

```
    int real, img;
```

```
public:
```

```
    void getvalue()
```

```
    { cout << "Enter value of real no.:";
```

```
      cin >> real;
```

```
      cout << "Enter value of imaginary no.:";
```

```
      cin >> img;
```

```
    }
```

```
    complex operator + (complex obj)
```

```
    {
```

```
        complex temp;
```

```
        temp.real = real + obj.real;
```

```
        temp.img = img + obj.img;
```

```
        return (temp);
```

```
    }
```

```
    complex operator - (complex obj)
```

```
    {
```

```
        complex temp;
```

```
        temp.real = real - obj.real;
```

```
        temp.img = img - obj.img;
```

```
        return (temp);
```

```
    }
```

```
    void display()
```

```
    {
```

```
        cout << real << " + " << "(" << img << ")" << "i" << "\n";
```

```
    }
```

```
};
```